

CSWC Operational Period Summary

0600 January 29 2016 to 1800 January 29 2016



Rock and mud slide on SR 96 in Humboldt County.

Photo Credit: Denise M. Shemenski / Cal OES Tribal Advisor

Note: [Report updates are in blue](#)



Cal OES
GOVERNOR'S OFFICE
OF EMERGENCY SERVICES

SITUATION SUMMARY

M4.9 and M5.0 Earthquakes, Off Coast Humboldt County

- On 01/29/16, at 1628 hours, a verified magnitude 5.0 earthquake occurred offshore 158 miles West of Ferndale, 162 miles West of Eureka and 165 miles west of McKinleyville. Followed at 1630 by a verified magnitude 4.9, 168 miles west of Ferndale, 171 miles west of Eureka and 174 miles west of McKinleyville. Due to the distance offshore the magnitudes could be adjusted later.
- EQTSU Duty Officer consulted with the Northern California Seismic Network Duty Officer who advised these events were located close to the Mendocino fracture zone and do not pose any danger.
- The National Tsunami Warning Center indicates no threat to California, they do not issue products for events such as these below their threshold.
- There is a single report on the Did you feel it webpage. A ShakeMap is not generated for events in the ocean.
- The Earthquake and Tsunami Duty Officer will continue to monitor the situation and advise as needed.

Sixth Street Viaduct Closure, City of Los Angeles, Los Angeles County

- The Sixth Street Viaduct was closed at 0100 hours 01/27/16 from Mateo Street to Boyle Avenue to allow for demolition of the existing viaduct and construction of a new viaduct.
- There will be a 2.5 mile freeway closure of US-101 from Friday, 02/05/16, at 2200 hours to Sunday, 02/07/16, at 1400 hours from the interchange of I-10 to the I-5 interchange; detours will be in place.

Bear River Levee, Sutter County

- A section of the Bear River levee belonging to Reclamation District 817 is being eroded on the water side of the levee. Approximately ten feet of the levee base was washed away in a 24 hour period due to the increased flow and uncontrolled releases from Camp Far West Dam. Rain forecasts call for increased precipitation, according to the NWS. River levels are forecast to rise to 9.7 feet which will increase velocity of the flow and cause continued significant erosion and affect the stability of the levee.
- A DWR Flood Fight Specialist has been assigned to assist with technical support. A conference call was held with Cal OES Staff and DWR to discuss the situation.
- Per DWR assessments, the site has some active erosion; however, the levee prism has not been impacted. Although water levels are expected to increase in the next few days, the levels should not get high enough to threaten the levee. DWR will continue to provide technical assistance.
- Sutter County has utilized Cal EOC to request a Flood Fight Specialist to assist RD 817 in Sutter County through the weekend in their efforts to stop erosion on the Bear River levee. Inland Region Administration is coordinating with all involved agencies to ensure a well coordinated response.
- An Inland Region ESC is assigned to this event and will continue to work with Sutter and Yuba County OES.

SITUATION SUMMARY

Sutter Maintenance Yard East Levee, Sutter County

- On 01/27/16 at 1509 hours, the California State Warning Center (CSWC) received a report from the State-Federal Flood Operation Center (FOC) advising of damage on the waterside slope and toe road of the Sutter Maintenance Yard East Levee of the Sutter Bypass approximately 0.05 miles north of O' Bannon Road at the Sutter Bypass levee in Sutter County.
- The levee is maintained by DWR out of the Sutter Flood Maintenance Office who is coordinating repair. A repair schedule, including addressing repair and stabilization of the high pressure natural gas lines has been developed, in coordination with the pipeline owner.
- DWR notified the pipeline owner, Sutter County OES, Cal OES and environmental regulatory agencies. [The gas lines are owned by CRC, initially thought to be Calpine, and have been de-energized and 'blown' free of natural gas. The gas lines are low pressure lines \(60psi\) direct from a well which has been shut down.](#) DWR Sutter Maintenance Yard Superintendent confirmed that the lines are de-energized and will not be charged until Summer. [After flood season CRC will work with the Central Valley Flood Protection Board to reopen the site and make the appropriate repairs to their pipe line.](#)
- DWR confirmed that this levee break does not pose a threat unless it goes unrepaired.
- [Inland Region staff met with DWR and visited the damaged levee the morning of 01/28/16 and noted that USA has already placed markers at the site and there are no additional utilities in the area. DWR has positioned equipment and materials to be used for the repair, the work will began 1/28/2016.](#)
- There have been no requests for State Assistance as the levee is maintained by DWR.
- [DWR will monitor the site during flood season and make any additional repairs as needed to prevent further erosion.](#)

Coastal Erosion, Pacifica, San Mateo County

- Pacifica, San Mateo County has experienced damage from the Winter Storms starting in in Dec 2015.
- Damage includes the Pacifica Pier, Milagra Watershed (possible Cal Trans impact), sea wall along Beach Blvd, and private properties on Esplanade Ave and Palmetto Ave, with evacuations along Esplanade Ave. Other areas along the cliff are experiencing significant loss of bluff top as well.
- [As of 01/28/16, all residents have found alternate housing arrangements.](#)
- [The California Department of Social Services \(CDSS\) advises the shelter at the Pacifica Baptist Church closed as of 01/28/16.](#)
- The Pacifica City Council ratified a local proclamation on 01/25/16. The initial proclamation was made on 01/22/16.
- The City has been conducting surveys of the residents to assess if there are any access and functional needs issues that need to be addressed. So far, no needs have been identified.
- The City has requested assistance from the county for aerial survey to be conducted and assistance with damage assessment team.
- Coastal Region will continue to work with the City and County and will monitor the situation, provide updates. At this time, there is no request for state resources. There are no EOC activations at this time.

Super Bowl 50 Weather Situational Awareness

In collaboration with local, state and federal partners, the San Francisco Bay Area National Weather Service (NWS) Weather Forecast Office (WFO) will provide enhanced decision support services to Emergency Management partners in support of their public safety efforts around the National Football League's (NFL) Super Bowl 50 and events leading up to the NFL championship game being held at Levi's Stadium in Santa Clara, California.

This briefing will serve as a broad weather outlook for the greater San Francisco Bay Area for this weekend and through next week. An update to this outlook is scheduled for Friday, January 29th. (with daily updates through Feb 9th) Additional forecast briefings will be disseminated based on partner request and/or weather demands.

Weather Summary

- **Dangerous Beach Conditions** - A High Surf Advisory today. Large wave run up is expected with these waves with moderate to long lulls between wave sets. As a result, there will be an increased likelihood for rip currents, sneaker waves and potential to be washed into the ocean. Avoid jetties and rocks. Never turn your back on the ocean. Use caution on area beaches.
- **Rain** - Widespread rainfall with totals of 1/2" or less ending today. Rain becoming showery Saturday and Sunday.
- **Wind** - light winds becoming northwest on Sunday and increasing to 15 to 30 mph with higher gusts possible. Strongest winds expected at the immediate coast. Winds of this strength could cause lightweight, unsecured objects to blow around on Sunday.
- **Cold Temperatures** - Next week will bring much colder weather with nighttime lows dipping near freezing in outlying areas and mid-upper 30s in the major urban areas. Temperatures this cold could cause problems for vulnerable populations and sensitive vegetation.

7 Day Area Forecast for the Greater San Francisco Bay Area

Today: Rain likely, mainly between 10am and 4pm, then showers after 4pm. High near 63. Southwest wind around 9 mph. Chance of precipitation is 80%. New precipitation amounts of less than a tenth of an inch possible.

Tonight: Showers. Low around 51. Light and variable wind becoming northwest 5 to 7 mph after midnight. Chance of precipitation is 80%. New precipitation amounts of less than a tenth of an inch possible.

Saturday: A 40 percent chance of showers. Mostly cloudy, with a high near 58. Northwest wind 5 to 8 mph. New precipitation amounts of less than a tenth of an inch possible.

Saturday Night: A 40 percent chance of showers. Mostly cloudy, with a low around 45. Northwest wind around 6 mph becoming calm in the evening. New precipitation amounts of less than a tenth of an inch possible.

Sunday: A 40 percent chance of showers. Mostly cloudy, with a high near 54. Light north northwest wind increasing to 5 to 9 mph in the morning. New precipitation amounts of less than a tenth of an inch possible.

Sunday Night: A 20 percent chance of showers. Partly cloudy, with a low around 39. New precipitation amounts of less than a tenth of an inch possible.

Monday: Mostly sunny, with a high near 58.

Monday Night: Partly cloudy, with a low around 41.

Tuesday: Partly sunny, with a high near 59.

Tuesday Night: Mostly cloudy, with a low around 45.

Wednesday: Partly sunny, with a high near 62.

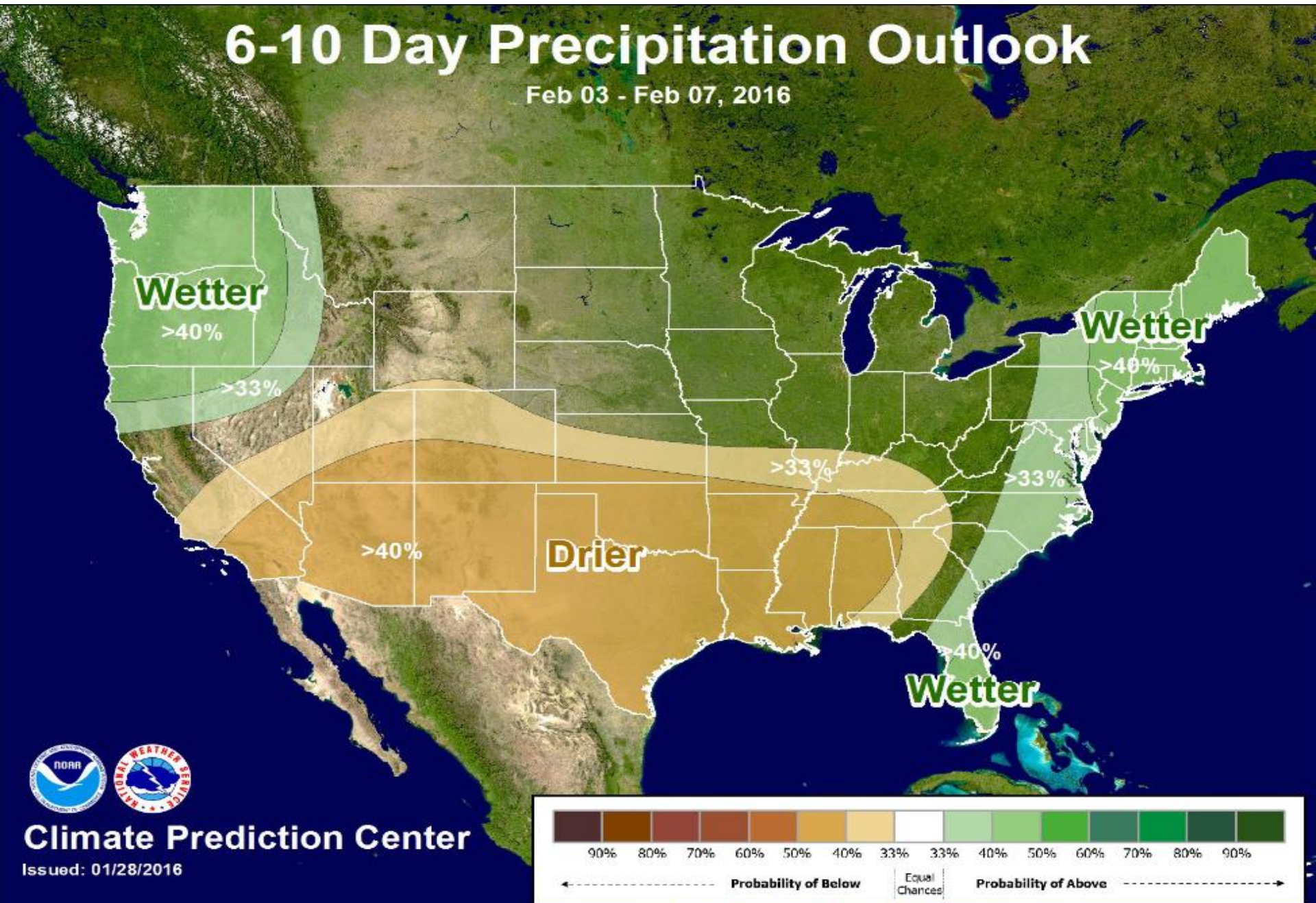
Wednesday Night: Mostly cloudy, with a low around 46.

Thursday: Mostly sunny, with a high near 63.

Super Bowl 50 6-10 Day Precipitation Outlook

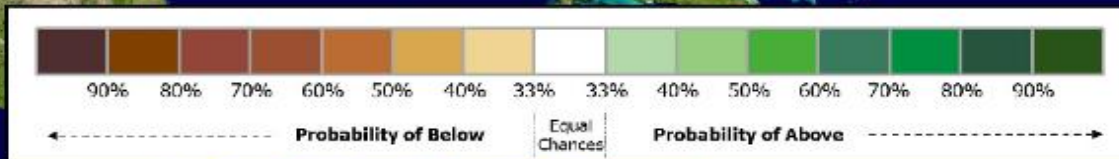
6-10 Day Precipitation Outlook

Feb 03 - Feb 07, 2016



Climate Prediction Center

Issued: 01/28/2016



SITUATION SUMMARY

Weather of Concern

Northern California

- Heaviest precipitation is expected tonight into Saturday throughout Northern California.
 - Rapid rises of main stem rivers are expected although rivers are not currently forecast to reach flood stage.
 - Localized minor urban and small stream flooding is also likely, in addition to gusty ridgetop winds.
 - Moderate potential of debris flow near recent Sierra Nevada burn scars.
 - Precipitation will be focused on the Sierra Nevada.
 - Snow levels around 1,500 feet in Shasta County and 2,500-3,000 feet in the Sierra.

Southern California

- A powerful winter storm will bring strong and potentially damaging winds Saturday night through Monday.
- Greatest impacts will be Sunday and Sunday night when the passage of a strong cold front will bring the strongest winds, heaviest rain and mountain snow.
 - Increasing winds in the mountains Saturday.
 - Very strong winds all areas Sunday into Monday.
 - Significant blowing dust in the deserts Saturday afternoon/evening, and again Sunday afternoon/evening.
 - Widespread moderate rainfall coast-valleys Sunday and Sunday night.
 - Heavy snow in the mountains, greatest in San Bernardino and Riverside Counties above 6000 feet.
 - Gale Force winds over the Coastal Waters Sunday through Monday afternoon.

River Forecasts

As of 1855 hours on 01/29/16:

- Mad River at Arcata is currently above monitor stage (Humboldt County)

Active Weather Warnings, Watches and Advisories by County:

http://www.wrh.noaa.gov/sto/brief/wwa_bc_cal.php

Cal EOC Incident – 2014 Drought

- SOC / Inland REOC remains activated in support of 2014 Drought

WEATHER

WEATHER SYNOPSIS BY REGION:

NORTHERN CALIFORNIA

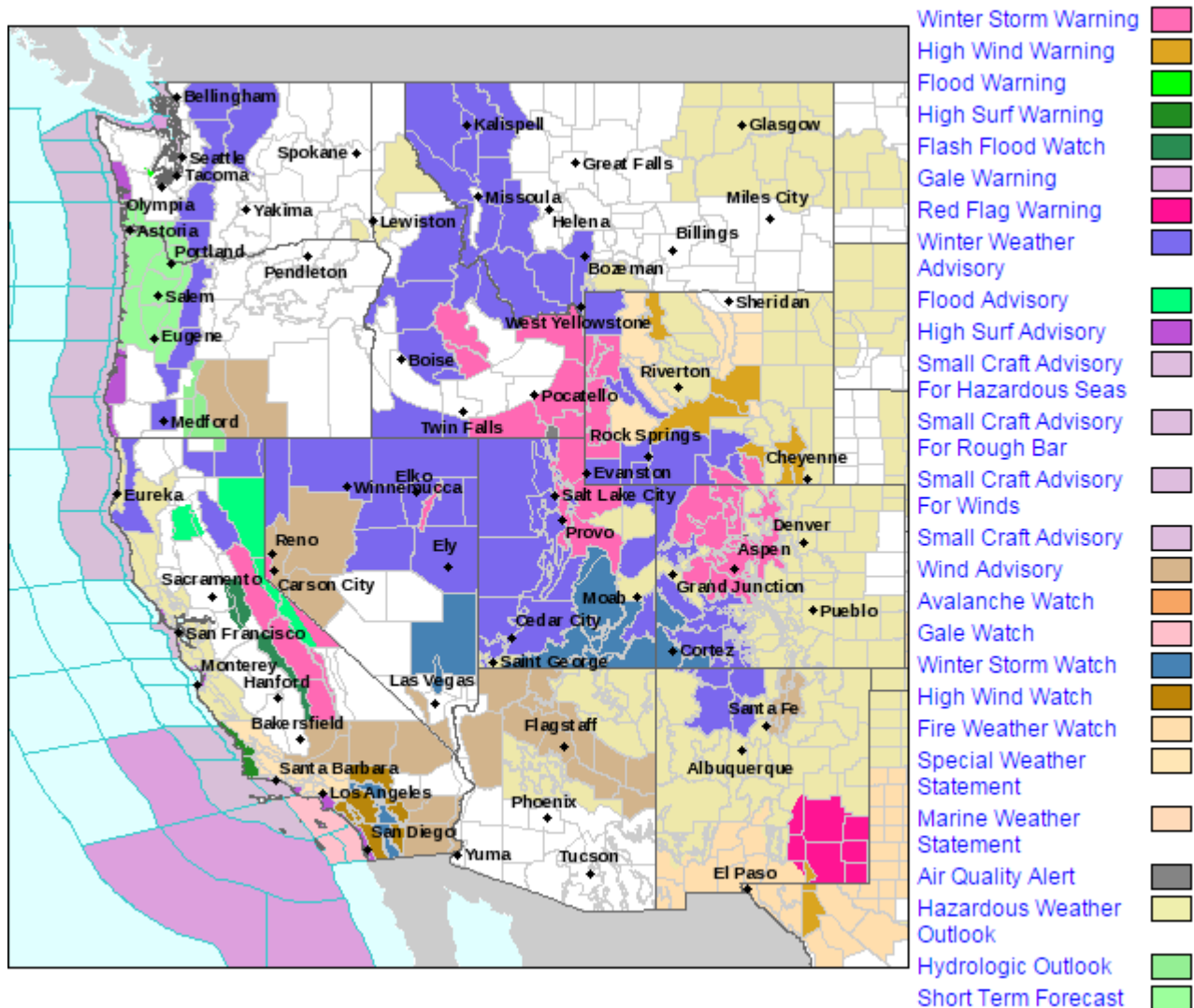
A couple of weather systems will be moving through the region again today through the weekend. However, over the weekend it looks like the Cascades and Sierra will have most of the precipitation while the rest of Northern California stays more on the dry side. After the weekend there is a lot of uncertainty about the details of the weather pattern. While for the moment next week looks dry, that could change. At the very least, some cloudiness and limited drying seem most likely overall after this weekend. Temperatures will drop to quite a bit below seasonal normals with the weekend system. Snow levels will start out quite high today, above 6000 feet, but lower to around 3500-4000 feet for the weekend. Snow levels Sunday will probably drop as low as 2000 feet or so, but by then, most of the precipitation will be over. Some gusty, strong south to west winds are expected in the higher elevations later today and overnight, and it will be a little breezy from the north Sunday, otherwise no notable winds are expected for now through the 7 day period.

SOUTHERN CALIFORNIA

The ridge of high pressure that has been over Central and Southern California the past several days will weaken bringing a few degrees of cooling and an increase in humidity today. Maximum temperatures will be in the 50s to low 60s across the mountains with mid 60s to mid 70s in the valleys. Minimum humidity will be mainly above 25% away the deserts today. Scattered showers with less than a quarter inch of rainfall will occur from a Monterey/Fresno County line northward today. Zonal flow will bring light showers with less than a quarter inch of rainfall to much of Central California Saturday. However, 1 to 2 inches of rainfall will occur over the Sierra and its surrounding foothills. A Pacific trough will bring a period of heavy rain to the entire region Sunday, with 2 to 4 inches of rainfall across most foothill and mountain locations and 1 to 2 inches of rainfall over most coastal and valley areas. The snow level will be between 7,000 and 8,000 feet through Saturday and then drop to between 5,000 and 6,000 feet by Sunday morning and to between 3,000 and 4,000 feet by Sunday evening. South to west winds of 20 to 40 mph with gusts to 60 mph will surface across the mountain ridges and desert passes tonight through Sunday night. Temperatures will cool to near normal Saturday and to around 10 degrees below normal Sunday. Northwest flow behind the trough will maintain well below normal temperatures across the region along with isolated snow showers over the mountains Monday. Strong and gusty northwest winds will occur over much of the area Monday. A ridge of high pressure will build into California from the Pacific bringing a warming trend and low humidity to much of the area Tuesday through the end of next week.



WEATHER



Last map update: Jan, 29th 2016 at 7:55:05 pm MST



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FIRE ACTIVITY



Preparedness Levels

National Preparedness Level 1

Northern California

Preparedness Level 1, Multi-Agency Coordination System MACS Mode 2

Southern California

Preparedness Level 2, Multi-Agency Coordination System MACS Mode 2

California Fire Potential & Weather Maps

Southern California 7 Day Significant Fire Potential

<http://psgeodata.fs.fed.us/7day/action/forecast/8>

Northern California 7 Day Significant Fire Potential

<http://psgeodata.fs.fed.us/7day/action/forecast/10>

California Fire Weather Map Watches and Warnings

<http://www.wrh.noaa.gov/firewx/main.php>

NWS California River Forecast Center:

<http://www.cnrfc.noaa.gov/>

CAL OES 2014 DROUGHT

Cal EOC Incident – 2014 Drought

- The SOC is activated in support of the Drought State of Emergency and continue to monitor the situation.
- The Governor issued Executive Order B-26-14 on 09/19/14, to streamline relief efforts for families with drinking water shortages due to drought, specifically through the California Disaster Assistance Act, to provide temporary water supplies to households without water for drinking and/or sanitation purposes.
- The Governor issued Executive Order B-29-15 on 04/01/15 which announced actions that will save water, increase enforcement to prevent wasteful water use, streamline the state's drought response and invest in new technologies to make California more drought resilient.
- CDAA 2014 Drought Fact Sheet and Frequently Asked Questions provided to Regions for reference and distribution.
- Cal OES Recovery continues to coordinate the Community Impacts Workgroup conference calls. Currently, the calls take place on alternating Wednesdays.
- Cal OES Recovery/Individual Assistance finalized an updated 2015 version of the drought brochure of programs and services for individuals, businesses, farmers, and ranchers. It has been put on the Governor's Drought webpage. State agencies may put the following link to the brochure on their webpage <http://ca.gov/drought/pdf/Drought-Assistance-Brochure-2015.pdf>
- Cal OES Regions (Inland, Coastal, Southern) collective OA drought call is facilitated by the SOC and will be held once per month.

CAL OES 2014 DROUGHT

Cal EOC Incident – 2014 Drought

Local Emergency Proclamations:

A total of 63 local Emergency Proclamations have been received to date from city, county, and tribal governments, as well as special districts:

- 29 Counties: Butte, Colusa, Calaveras, El Dorado, Fresno, Glenn, Inyo, Humboldt, Kern, Kings, Lake, Madera, Mariposa, Merced, Modoc, Plumas, San Bernardino, San Joaquin, San Luis Obispo, Santa Barbara, Shasta, Siskiyou, Sonoma, Stanislaus, Sutter, Trinity, Tulare, Tuolumne, and Yuba.
- 13 Cities: City of Live Oak (Sutter County), City of Lodi (San Joaquin County), City of Manteca (San Joaquin County), City of Montague (Siskiyou County), City of Porterville (Tulare County), City of Portola (Plumas County), City of Ripon (San Joaquin County), City of San Juan Bautista (San Benito County), City of Santa Barbara (Santa Barbara County), City of Rancho Cucamonga (San Bernardino County) and City of West Sacramento (Yolo County), City of Willits (Mendocino County), and City of Fort Bragg (Mendocino County).
- 9 Tribes: Cortina Indian Rancheria (Colusa County), Hoopa Valley Tribe (Humboldt County), Karuk Tribe (Siskiyou/Humboldt Counties), Kashia Band of Pomo Indians of the Stewarts Point Rancheria (Sonoma County), Picayune Rancheria of Chukchansi Indians (Madera County) Sherwood Valley Pomo Indian Tribe (Mendocino County), Tule River Indian Tribe (Tulare County), Yocha Dehe Wintun Nation (Yolo County), and Yurok Tribe (Humboldt County).
- 12 Special Districts: Carpinteria Valley Water District (Santa Barbara County), Goleta Water District (Santa Barbara County), Groveland Community Services District (Tuolumne County), Lake Don Pedro Community Services District (Mariposa Stanislaus County), Mariposa Public Utility District (Mariposa County), Meiners Oaks Water District (Ventura County), Montecito Water District (Santa Barbara County), Mountain House Community Service District (San Joaquin County), Nevada Irrigation District (Nevada County), Placer County Water Agency (Placer County), Tuolumne Utilities District (Tuolumne County), and Twain Harte Community Services District (Tuolumne County).



Mission:

We protect lives and property, build capabilities, and support our communities for a resilient California.

We achieve our mission by serving the public through effective collaboration in preparing for, protecting against, responding to, recovering from, and mitigating the impacts of all hazards and threats.